CONTENTS

Number 1

S. S. SAINI, S. S. SODHI, N. K. MAITI and S. N. SHARMA — 1 Immune response of chicks to oral vaccination against Newcastle disease and fowl pox

T. J. YANG, S. L. GAWLAK, W. C. PORTS and W. H. DANIELS — 7 Antibody-forming cells in the contralateral and ipsilateral lymph nodes draining the locally immunized supramammary/suprainguinal region

D. A. HIGGINS — 13 Duck lymphocytes—III. Transformation responses to some common mitogens

J. P. S. KOMAL and K. R. MITTAL — 25 Studies on the interactions of two different serotypes of *Actinobacillus pleuropneumoniae*

O. D. OLALEYE, S. A. OMILABU, E. N. ILOMECHINA and A. H. FAGBAMI — 35 A survey for haemagglutination-inhibiting antibody to West Nile Virus in human and animal sera in Nigeria

G. CASTRUCCI, F. FRIGERI, B. I. OSBURN, M. FERRARI, M. M. SAWYER and V. ALDROVANDI — 41 A study of some pathogenetic aspects of bovine viral diarrhea virus infection

I New Patents Section

Number 2

Review ELISABETH CARNIEL and HENRI H. MOLLARET — 51 Yersiniosis

M. C. GALLEGO and M. A. LAPEÑA — 59 The interaction of *Brucella melitensis* 16-M and caprine polymorphonuclear leukocytes

R. TARSI, N. SIMONETTI, A. RETICO and L. MULIERI — 67 Macrophage lysozyme stimulation by fructose-1-6-diphosphate

W. B. MARTIN, G. CASTRUCCI, F. FRIGERI and M. FERRARI — 75 A serological comparison of some animal herpesviruses

TSEHAY NEWAY, FRANCINE BARRAT, JEAN-MARC PERSON, HENRI-JEAN BOULOUIS and CHARLES PILET — 85 Immunomodulatory properties of a strain of *Mycobacterium chelonae*—II. Qualitative and quantitative stimulation of mouse splenocytes by *Mycobacterium chelonae*

S. A. OMILABU, J. O. ADEJUMO, O. D. OLALEYE, A. H. FAGBAMI and S. S. BABA — 95 Yellow fever haemagglutination-inhibiting, neutralising and IgM antibodies in vaccinated and unvaccinated residents of Ibadan, Nigeria

O. D. OLALEYE, S. A. OMILABU and S. S. BABA — 101 Cytomegalovirus infection among tuberculosis patients in a chest hospital in Nigeria

Short Communication
P. SUREAU — 107 Recent data on the epidemiology and prophylaxis of human rabies in France

i New Patents Section

Number 3

Review
G. BARANTON — 111 Lyme borreliosis

ZUHU HUANG, STEPHEN GRAVES, LINDE STEWART, JOAN BANKS and BRIAN DWYER — 119 Enzyme-linked immunosorbent assays for detecting antibody to *Rickettsia australis* in sera of various animal species

JAMES F. EVERMANN — 127 Comparative features of retroviral infections of livestock

CINZIA CONTI, FABIANA SUPERTI, MAURIZIO DIVIZIA, AUGUSTO PANA' and NICOLA ORSI — 137 Effect of inhibitors of cytoplasmic structures and functions on rabies virus infection *in vitro*

ASHIR KUMAR, RICK E. PANTAROTTO and DONALD B. KAUFMAN — 147 IgG subclasses and IgM in rats: immunoregulatory effects of cimetidine on serum levels

MARIE-LAURE TIREL, ANNE LEVESQUE, S. LEFRANCOIS, B. RIDREMONT and T. H. NGUYEN — 155 Discrepancy between *in vitro* and *in vivo* assays for the susceptibility of Bacillus C.I.P. 5832 to antimicrobial agents

Short Communication
G. ANDRE-FONTAINE and J. P. GANIERE — 163 New topics on leptospirosis

i New Patents Section

Number 4

Review
KARIN MÖSTL — 169 Coronaviridae, pathogenetic and clinical aspects: an update

C. D. EZEOKOLI, E. A. ITYONDO, A. I. NWANNENNA and J. U. UMOH — 181 Immunosuppression and histopathological changes in the bursa of fabricius associated with infectious bursal disease vaccination in chicken

M. DE LA FUENTE, M. I. MARTIN and E. ORTEGA — 189 Changes in the phagocytic function of peritoneal macrophages from old mice after strenuous physical exercise

ANDERS LARSSON and JOHN SJÖQUIST — 199 Chicken IgY: utilizing the evolutionary difference

G. FLORENT and A. WISEMAN — 203 An IgM specific ELISA for the serodiagnosis of viral bovine respiratory infections

ST. SCHWARZ and H. BLOBEL — 209 Isolation of a plasmid from "canine" *Staphylococcus epidermidis* mediating constitutive resistance to macrolides and lincosamides

Short Communication
EUGENIA BEZIRTZOGLOU and CHARLES ROMOND — 217 Apparition of *Clostridium sp.* and *Bacteroides* in the intestine of the newborn delivered by cesarian section

223 Book Review

I New Patents Section